

Raven Aerostar is seeking approval for its application for an Experimental Radio Service (Other Than Broadcast) to operate at these sites as necessary to support an Internal Research and Development initiative. This IRaD project seeks technological innovation that will enable the reliable detection, tracking, and classification of people and vehicles using automated persistent surveillance systems. This effort includes activities to procure, assemble, configure, and test coherent maritime radars. Overall Development is anticipated to take approximately 18-24 months; hence Raven Aerostar is requesting that the experimental license be extended through January 2020 (2 years) to allow development and testing under this program to continue uninterrupted through the duration of the program. The data collections will allow evaluation of the sensor systems in the intended operational environment with increasingly more advanced signal processing implemented in software in each collection. Raven Aerostar anticipates that by the end of the program, sufficient progress will have been made to undertake implementation and testing of a fully integrated, real-time operational system for testing in theater.